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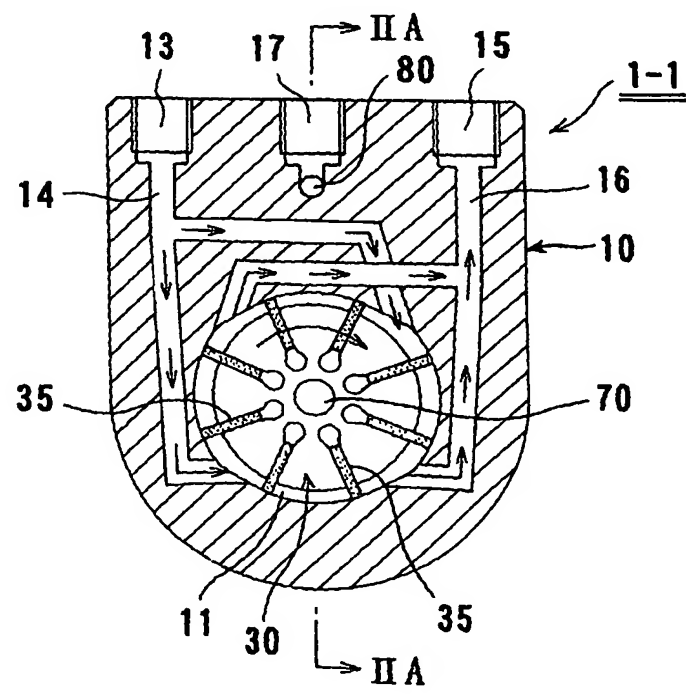
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: VANE-TYPE HYDRAULIC MOTOR



(57) Abstract: A vane-type hydraulic motor includes a rotor (30) having a main shaft (70) and a plurality of vanes (35), a cam casing (10) having a chamber (11) for rotatably housing the rotor (30), a first port (13) and a second port (15) for supplying a working fluid into the chamber (11) and discharging the working fluid from the chamber (11). A bypass path (80) is provided for allowing the working fluid to flow from bearing portions (51, 61) supporting the main shaft (70). A drain port (17) is provided for discharging the working fluid to the exterior.

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/10248

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> F03C 2/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> F03C 2/30

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 Japanese Utility Model Gazette 1926-1996, Japanese Publication of Unexamined Utility Model Applications 1971-2001, Japanese Registered Utility Model Gazette 1994-2001, Japanese Gazette Containing the Utility Model 1996-2001

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Microfilm of the specification and drawings annexed to the written application of Japanese Utility Model Application No. 92709/1975 (Laid-open No. 6953/1977) (CHIAKI TAHARA), 1977.01.18, Figs 2 (Family•none)	1-15
A	JP 49-78902 A (DAIKIN KOUGYOU KABUSIKIGAISSYA) 1974.07.30, Figs 2 (Family•none)	1-15

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

## \* Special categories of cited documents:

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- "P" document published prior to the international filing date but later than the priority date claimed

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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- "&" document member of the same patent family

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